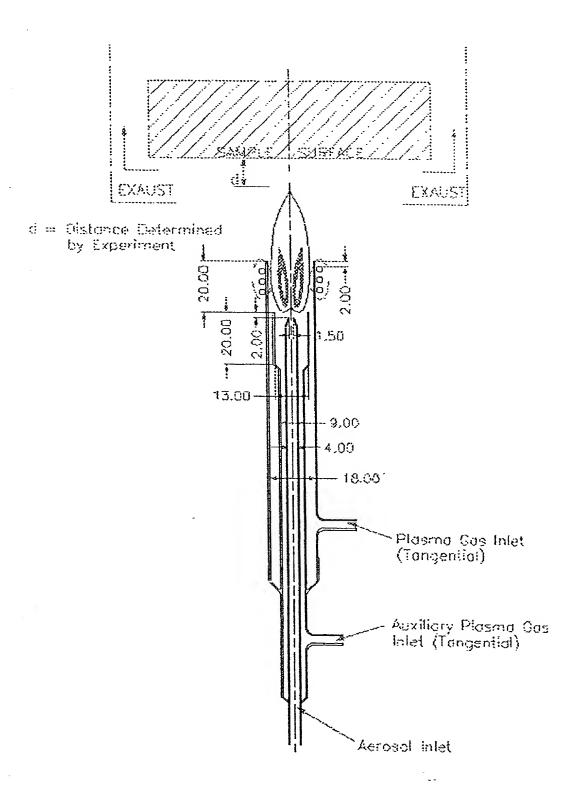
Title: Apparatus and Method for Atmospheric Pressure Reactive Atom Plasma Processing for Shaping of Damage Free Surfaces

Sheet 1 of 10

Docket No : BEAS-01000US1 Appl. No.: Unknown Applicant(s): Jeffrey W. Carr Attorney: Jason D. Lohr Phone. (415) 362-3800

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Fig 1: ICP Torch



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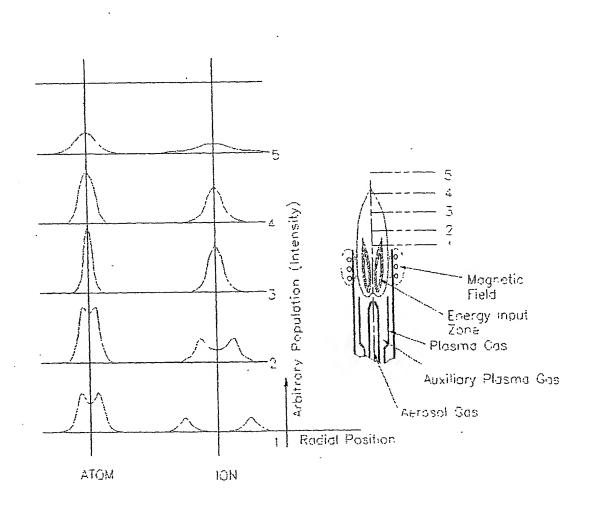
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Express Mail No: EL622697655US

Sheet 2 of 10

## Atom and Ion Distribution in the ICP



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Docket No : BEAS-01000US1 Appl. No : Unknown Filed: Herewith

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Express Mail No.: EL622697655US Sheet 3 of 10

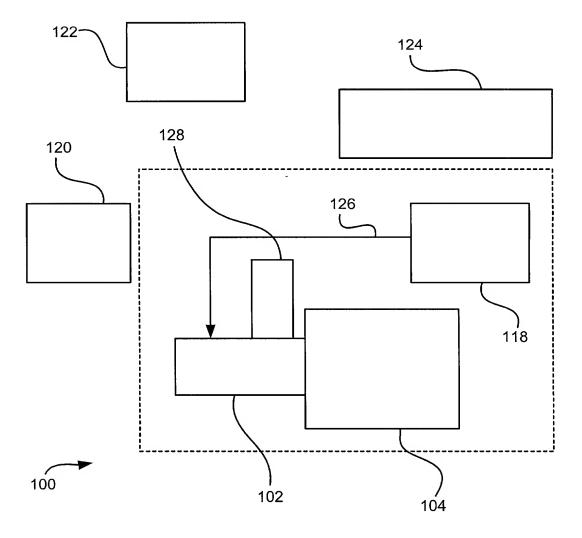


FIG. 3

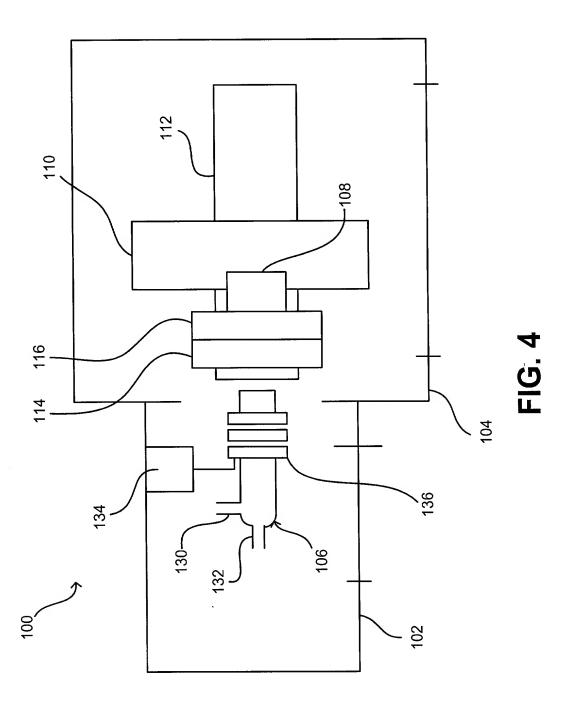
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Appl. No.: Unknown
Filed: Herewith
Express Mail No.: EL622697655US

Sheet 4 of 10

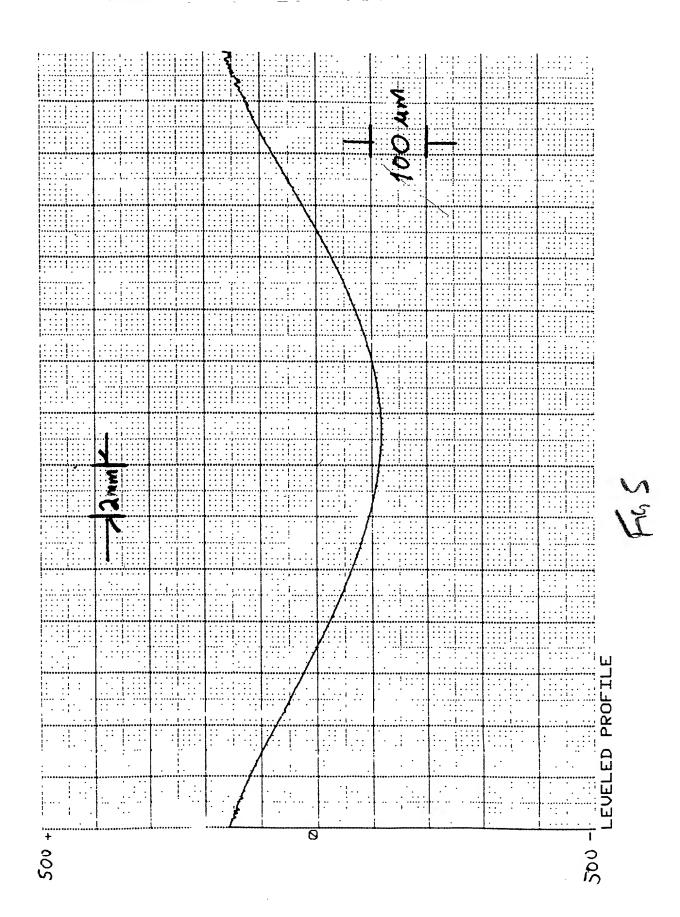


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Express Mail No : EL622697655US She

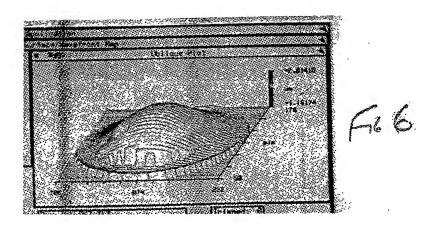


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Express Mail No : EL622697655US

Sheet 6 of 10



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Docket No.: BEAS-01000US1 Appl. No.: Unknown Applicant(s): Jeffrey W. Carr Attorney: Jason D. Lohr Phone: (415) 362-3800

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Sheet 7 of 10

← Experimental Data -- 100% Effeciency 90 Effect of Reaction Gas Flow Rate on Removal Reaction Gas Concentration 50 30 0.8 0.6 0.4 1.4 Material Removed-Grams

4

Effect of Distance from Plasma

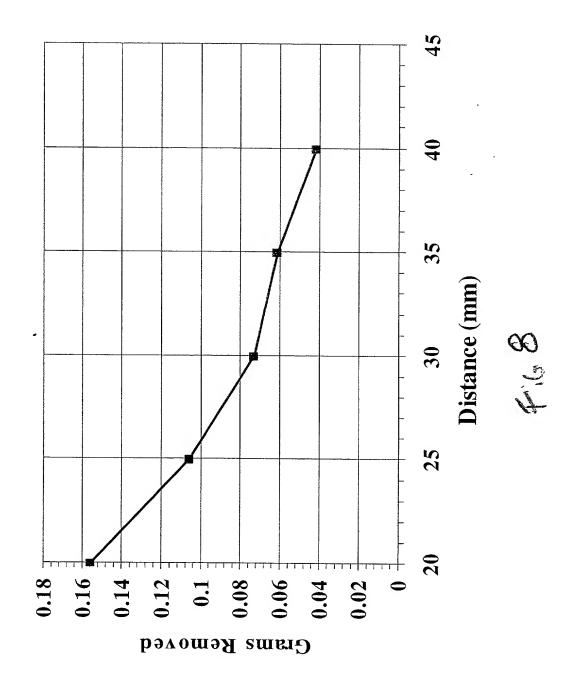
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Sheet 8 of 10



Title: Apparatus and Method for Atmospheric Pressure Reactive ATOM PLASMA PROCESSING FOR SHAPING OF DAMAGE FREE SURFACES

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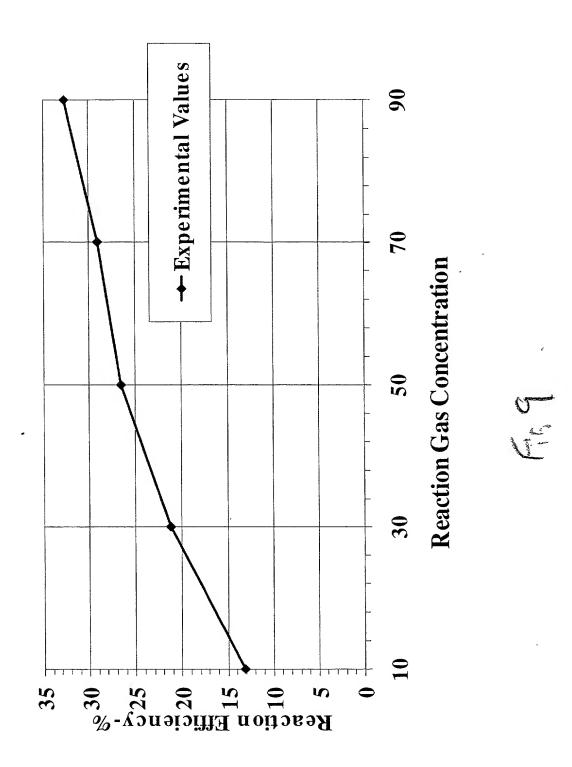
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Sheet 9 of 10





Title: Apparatus and Method for Atmospheric Pressure Reactive Atom Plasma Processing for Shaping of Damage Free Surfaces

Docket No.: BEAS-01000US1 Appl No.: Unknown Applicant(s): Jeffrey W. Carr Attorney: Jason D. Lohr Phone: (415) 362-3800

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Sheet 10 of 10

